

# Notice of Allowability

Application No.

09/972,226

Examiner

Eleni A. Shiferaw

Applicant(s)

LANDER, VADIM

Art Unit

2136

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to RCE filed on July 11, 2007.
2. ☒ The allowed claim(s) is/are 1-13 and 15-35.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 8/21/07.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

NASSER MOAZZAMI  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100

8,28,07

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### DETAILED ACTION

#### DETAILED ACTION

1. Applicant claims raised 112 issues that were resolved by agreement on the telephone interview with Luck K. Pedersen on August 21, 2007. Authorization for examiner's amendment is also given to all independent claims 1, 12, 18, 23, and 28 to particularly point out the invention.

### EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Luke K. Pedersen on August 21, 2007.

Please replace claims 1-2, 12, 18, 23, and 28 as follows:

1. (Currently Amended) A method for authenticating and authorizing a user of an electronic device in communication with a network, comprising:

registering [[a]] said user with a network;

generating a unique universal user identifier representing said user at the time said user registers with said network, said unique universal user identifier being at least partially based on information supplied by said user during registration with said network;

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receiving a user request from said user, said user using [[an]] said electronic device in communication with the network;

searching for information relating to said user in a repository of user information, said searching based at least partially on said user request and a login identity supplied by said user;

retrieving, from the repository of user information, said unique universal user identifier representing said user upon locating said information of said user;

storing at least said unique universal user identifier in a data packet;

sending said data packet to a storage device such that said data packet is transmittable to electronic devices in communication with said network when said user attempts to access a resource within said network; [[and]]

retrieving an authorization datum associated with said user, based at least partially on said unique universal user identifier, from said resource [[.]] ; and

wherein said user attempts to access said resources within said network is permitted without authentication time-out interval using said data packet.

2. (Currently Amended) The method of claim 1, wherein receiving [[a]] the user request comprises receiving a login name from said user.

12. (Currently Amended) A method for accessing a plurality of resources having different authorization requirements, comprising:

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registering a user with a network;

generating a unique universal user identifier representing said user at the time said user registers with said network, said unique universal user identifier being at least partially based on information supplied by said user during registration with said network;

accessing, via an electronic device, said network work comprising [[a]] said plurality of resources;

providing identifying data to said network;

retrieving, in response to the identifying data, said unique universal user identifier from a repository of unique universal user identifiers;

storing said unique universal user identifier on a storage device, said unique universal user identifier indicating said user is authenticated; and

accessing one of said plurality of resources, wherein said unique universal user identifier is transmitted to said one of said plurality of resources to identify said user such that said user can access authorized resources without providing additional identifying information and without authentication time-out interval using said unique universal identifier and wherein said user is denied access to unauthorized resources.

18. (Currently Amended) A method for user authentication and authorization, comprising:

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accessing a repository containing a plurality of unique universal user identifiers, each of said unique universal user identifiers being unique to a user;

retrieving one of said unique universal user identifiers from said repository,  
storing said unique universal user identifier in a data packet readable by an electronic device;

transmitting said data packet to a storage device coupled to said electronic device; [[and]]  
making said data packet available to a resource configured within an enterprise network to authorize said user[.] and

said user accessing said resources without authentication time-out interval using said data packet.

23. (Currently Amended) A system for user authentication and authorization, comprising:

a repository containing a plurality of unique universal user identifiers, each unique universal user identifier being unique to a user;

a first software tool operable to receive user login information, access said repository, retrieve one of said plurality of [[a]] unique universal user identifier relating to said user from said repository, and

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transmit said unique universal user identifier to an electronic storage device suitable for storing said unique universal user identifier in a data packet for transmission to resources within a network; [[and]]

a second software tool suitable for receiving said data packet and locating authorization datum of said user[[.]] ; and

said user accessing said resources without authentication timeout interval using said data packet.

28. (Currently Amended) A computer-readable medium encoded with logic operable, when executed on a computer processor, to perform [[the]] steps comprising:

receiving a user request from a user of an electronic device;

searching for a user credential corresponding to said user in an authentication database;

locating said user credential in said authentication database;

retrieving from said authentication database a unique universal user identifier representing said user upon locating said user credential;

packaging said unique universal user identifier in a data packet; and

transmitting said data packet to said electronic device such that said data packet is

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transmittable to electronic devices in communication with a network when said user attempts to access a resource within said network such that said user can access authorized resources without providing additional identifying information and without authentication timeout interval using said data packet.

### ***Allowable Subject Matter***

3. Claims 1-13 and 15-35 are allowed.

Steele et al. US 7016875 B1 discloses a method of single sign-on (abstract) by generating Global unique Identifier (GUID) and ticket (col. 9 lines 42-67) to users requesting access to plurality of resources (col. 10 lines 19-31). Steele et al.'s method discloses allowing access to resource within authentication time-out interval and the access to a session is only within a specified period of time (see col. 25 lines 24-63). None of the applied references disclose allowing access to users using a single-sign-on without a specified time period.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Eleni A. Shiferaw whose telephone number is 571-272-3867. The examiner can normally be reached on Mon-Fri 8:00am-5:00pm.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nasser R. Moazzami can be reached on (571) 272-4195. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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August 21, 2007

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